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Information Disclosure Statement BY APPLICANT <i>(Use several sheets if necessary)</i>		Applicant/Patent Owner Girgensohn, et al.	
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U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date

U.S. PATENT PUBLICATIONS

Examiner Initial	Patent Application Publication Number	Publication Date	Applicant
/DZ/	1. US 2003/0189588 A1	October 9, 2003	Andreas Girgensohn
/DZ/	2. US 2003/0190143 A1	October 9, 2003	Andreas Girgensohn

PENDING U.S. PATENT APPLICATIONS

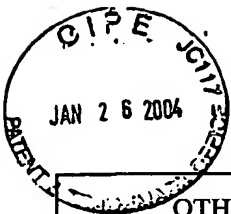
Examiner Initial	Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No
/DZ/	3. 09/618,649	July 18, 2000	Andreas Girgensohn	X
/DZ/	4. 09/618,533	July 18, 2000	Andreas Girgensohn	X

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Trans-lation Yes No

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

/DZ/	5.	Avrahami, G., Brooks, K.P., and Brown, M.H., "A Two-View Approach to Constructing User Interfaces," <i>ACM SIGGRAPH '89</i> , Boston, 31 July - 4 August, 1989.
/DZ/	6.	Boreczky, J. and Wilcox, L., "A Hidden Markov Model Framework for Video Segmentation Using Audio and Image Features," in <i>Proc ICASSP '98</i> , IEEE, May 1998, Seattle.
/DZ/	7.	Boreczky, J. and Rowe, L., "Comparison of Video Shot Boundary Detection Techniques," <i>Proc. SPIE Storage and Retrieval for Image and Video Databases IV</i> , San Jose, CA, 1996.
/DZ/	8.	Christel, M., Smith, M., Taylor, C., and Winkler, D., "Evolving Video Skims into Useful Multimedia Abstractions," in <i>Human Factors in Computing Systems, ACM CHI '98 Conference Proceedings</i> , pp. 171-178, Los Angeles, April 1998.
/DZ/	9.	Girgensohn, A. and Boreczky, J. "Time-Constrained Keyframe Selection Technique," in <i>IEEE Multimedia Systems '99, IEEE Computer Society</i> , Vol. 1, pp. 756-761, 1999.
/DZ/	10.	He, L., Sanocki, E., Gupta, A., and Grudin, J., "Auto-Summarization of Audio-Video Presentations," <i>ACM Multimedia</i> , April 1999.
/DZ/	11.	Knuth, D., <i>The TeXbook</i> , Addison-Wesley, 1984.



OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

/DZ/	12.	Pfeiffer, S., Lienhart, R., Fischer, S. and Effelsberg, W., "Abstracting Digital Movies Automatically," in <i>Journal of Visual Communication and Image Representation</i> , Vol. 7, No. 4, pp. 345-353, December 1996.
/DZ/	13.	Smith, M. and Kanade, T., "Video Skimming and Characterization through the Combination of Image and Language Understanding Techniques," in <i>Proc. Computer Vision and Pattern Recognition</i> , pp. 775-781, 1997.
/DZ/	14.	Uchihashi, S. and Foote, J., "Summarizing Video Using a Shot Importance Measure and a Frame-Packing Algorithm," in <i>Proc. ICASSP '99</i> , Vol. 6, pp. 3041-3044, 1999.
/DZ/	15.	Webster, B.F. <i>The NeXT Book</i> , Addison-Wesley, 1989.
/DZ/	17.	Gross, G., "Molecular Mechanics Optimisation," http://www.chem.swin.edu.au/modules/mod6/molmech_1.html , October 9, 2000.
/DZ/	18.	Cooper, M. and Foote, J., "Summarizing Video using Non-Negative Similarity Matrix Factorization," 2002 IEEE.
/DZ/	19.	Girgensohn, A., Boreczky, J., Chiu, P., Doherty, J., Foote, J., Golovchinsky, G., Uchihashi, S., and Wilcox, L., "A Semi-Automatic Approach to Home Video Editing," <i>Proceedings of UIST '00</i> , pp. 81-89, 2000.
/DZ/	20.	Lienhart, R., "Dynamic Video Summarization of Home Video," <i>SPIE 3972: Storage and Retrieval for Media Databases 2000</i> , pp. 378-389, 2000.
/DZ/	21.	Marchionini, G. and Geisler, G., "The Open Video Digital Library," <i>D-Lib Magazine</i> , Vol. 8, No. 12 http://www.dlib.org/dlib/december02/marchionini/12marchionini.html , December 2002.
/DZ/	22.	Smith, J.M., Stotts, D. and Kum, S.-U., "An Orthogonal Taxonomy For Hyperlink Anchor Generation in Video Streams Using OvalTine," <i>Proc. Of ACM Hypertext 2000</i> , pp. 11-18, 2000.
/DZ/	23.	Sundaram, H. and Chang, S.-F., "Condensing Computable Scenes Using Visual Complexity and Film Syntax Analysis," <i>Proceedings of ICME 2001</i> , pp. 389-392, 2001.
/DZ/	24.	Uchihashi, S., Foote, J., Girgensohn, A. and Boreczky, J., "Video Manga: Generating Semantically Meaningful Video Summaries," <i>Proceedings of ACM Multimedia '99</i> , pp. 383-392.
/DZ/	25.	Boissière, G., "Automatic creation of hypervideo news libraries for the World Wide Web," <i>Hypertext '98 Proceedings, ACM, Pittsburgh, PA</i> , 1998.
/DZ/	26.	Yeung, M.M., and Yeo, B.-L., "Video Visualization for Compact Presentation and Fast Browsing of Pictorial Content," <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , Vol. 7, No. 5, October 1997.
/DZ/	27.	Zhang, H.J., et al., "Automatic Parsing and Indexing of News Video," <i>Multimedia Systems</i> , 2 (6), pp. 256-266, 1995.
/DZ/	28.	Russell, D., "A Design Pattern-based Video Summarization Technique: Moving from Low-level Signals to High-level Structure," <i>IEEE 33rd Hawaii International Conference on System Sciences</i> , Vol. 3, Maui, Hawaii, January 04 - 07, 2000.
/DZ/	29.	Wildemuth, B., et al., "How Fast Is Too Fast? Evaluating Fast Forward Surrogates for Digital Video," <i>JCDL '03 May 1-2, 2003, Houston Texas</i> .

Examiner /Daquan Zhao/ Date Considered 03/26/2007

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